Test Report
Consistency test

Project Name	Providing Children Play Equipments and Senior Citizen Gym Equipments and Landscape Development to Parks in Ward no. 08, Byatarayanapura of Yelahanka Zone
Client	Project Division Yelahanka ZONE
Job No	MCTPL/BBMP/YNK/PMC/W-8/2020-2021/2/QR
Mix Type	Plain Cement Concrete(1:4:8)
Contractor	M/s. Sai Ram Construction(Prop Sri A.Sathish Gowda),
Test Method	IS : 4031 (Part 5) -1988 & Specification for Road & Bridge Works, MORT&H, Rev-V.
Location	Source of Material
Material	Cement
Sample No	1
Date	30-Nov-2020

Sl. No.	Description	Trial 1	Trial 2	Trial 3	Trial 4	Trial 4
1	Weight of Cement	400	400	400	400	400
2	Percentage of water added (%)	27	28.5	29.5	30	30
3	Weight of Water (gm)	108	114	118	120	120
4	Initial Reading of Plunger (mm)	40	40	40	40	40
5	Difference (mm)	19	16	11	6.5	5.5

Sm. Suvarna AE
30/11 accepted.

Results: Standard Consistency of Cement: 30.00%

Note:

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For Mecadez Core Technologies Private Limited

Authorised Signature

A. Sathish Gowda

accepted
Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Test Report
Fineness test

Project Name	Providing Children Play Equipments and Senior Citizen Gym Equipments and Landscape Development to Parks in Ward no. 08, Byatarayanapura of Yelahanka Zone
Client	Project Division Yelahanka ZONE
Job No	MCTPL/BBMP/YNK/PMC/W-8/2020-2021/2/QR
Mix Type	Plain Cement Concrete(1:4:8)
Contractor	M/s. Sai Ram Construction(Prop Sri A.Sathish Gowda),
Test Method	IS : 4031 (Part 5) -1988 & Specification for Road & Bridge Works, MORT&H, Rev-V.
Location	Source of Material
Material	Cement
Sample No	1
Date	30-Nov-2020

Sl. No.	Determination	Trial 1	Trial 2
1	Weight of Cement before sieve (gm)	100	100
2	Weight of residue retained on 90um sieve (gm)	3.7	4.1
3	Percentage retained (%)	3.7	4.1
4	Average Percentage retained (%)	3.90	

Results: Residue of cement is: 3.90%

Comments: Maximum allowable residue by mass for ordinary portlad cement is 10%

Note:

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For Mecadez Core Technologies Private Limited

Authorised Signature

Test Report
Soundness test

Project Name	Providing Children Play Equipments and Senior Citizen Gym Equipments and Landscape Development to Parks in Ward no. 08, Byatarayanapura of Yelahanka Zone
Client	Project Division Yelahanka ZONE
Job No	MCTPL/BBMP/YNK/PMC/W-8/2020-2021/2/QR
Mix Type	Plain Cement Concrete(1:4:8)
Contractor	M/s. Sai Ram Construction(Prop Sri A.Sathish Gowda),
Test Method	IS : 4031 (Part 3) -1988 & Specification for Road & Bridge Works, MORT&H, Rev-V.
Location	Source of Material
Material	Cement
Sample No	1
Date	30-Nov-2020

Sl. No.	Description	Trial 1	Trial 2	Trial 3
1	Initial Distance between the indicator points of Lechatelier mould	11	10	11
2	Final Distance between the indicator points of Lechatelier mould	18	17	16
3	Difference or expansion	7	7	5
4	Average Differences or Expansion in mm		6.33	

Results: Difference in Expansion of Cement: 6.33mm

Comments: Maximum allowable Expansion of cement is 10mm.

Note:

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For Mecadez Core Technologies Private Limited

Authorised Signature

Test Report
Compressive strength test

Project Name	Providing Children Play Equipments and Senior Citizen Gym Equipments and Landscape Development to Parks in Ward no. 08, Byatarayanapura of Yelahanka Zone
Client	Project Division Yelahanka ZONE
Job No	MCTPL/BBMP/YNK/PMC/W-8/2020-2021/2/QR
Mix Type	Plain Cement Concrete(1:4:8)
Contractor	M/s. Sai Ram Construction(Prop Sri A.Sathish Gowda),
Test Method	IS : 4031 (part 6)-1988 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Source of Material
Material	Cement
Sample No	1
Date	7-Dec-2020

Cube	Cement Grade	Age at Test (Days)	Slump (mm)	Weight (kg)	Dimension (LxWxH)	Density (kg/m3)	Max. Load (KN)	Area (mm2)	Compressive Strength (N/mm2)	Average Sample (n/mm2)
1	43	7	-	0.84	70.6x70.6x 70.6	2302.00	187	4984.36	37.52	37.22
2	43	7	-	0.86	70.6x70.6x 70.6	2358.00	184	4984.36	36.92	

Results: 7-days Compressive strength of cement is 37.22N/mm^2

Comments: 7-days Compressive strength of cement should not be less than 33 N/mm^2

Note:

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For Mecadez Core Technologies Private Limited

Authorised Signature

Test Report
Gradation test

Project Name	Providing Children Play Equipments and Senior Citizen Gym Equipments and Landscape Development to Parks in Ward no. 08, Byatarayanapura of Yelahanka Zone
Client	Project Division Yelahanka ZONE
Job No	MCTPL/BBMP/YNK/PMC/W-8/2020-2021/2/QR
Mix Type	Plain Cement Concrete(1:4:8)
Contractor	M/s. Sai Ram Construction(Prop Sri A.Sathish Gowda),
Test Method	IS : 2386 (Part - 1) 1963 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Source of Material
Material	Fine Aggregates
Sample No	2
Date	9-Dec-2020

Weight of Sample(gram): 200

Sl No.	IS Sieve Size	Weight retained	% retained	% Cumulative	Cumulative % of Passing		Remarks
					% Passing	Gradation limits	
1	10 mm	0	0.00	0.00	100.00	100	Gradation satisfies the MORT&H Zone II Specification for PCC
2	4.75 mm	17	8.50	8.50	91.50	90-100	
3	2.36 mm	24	12.00	20.50	79.50	75-100	
4	1.18 mm	40	20.00	40.50	59.50	55-90	
5	600 µ	25	12.50	53.00	47.00	35-59	
6	300 µ	55	27.50	80.50	19.50	8-30	
7	150 µ	32	16.00	96.50	3.50	0-10	

Note:

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For Mecadez Core Technologies Private Limited

Authorised Signature

A Sathish Gowda

Test Report
Gradation test

Project Name	Providing Children Play Equipments and Senior Citizen Gym Equipments and Landscape Development to Parks in Ward no. 08, Byatarayanapura of Yelahanka Zone
Client	Project Division Yelahanka ZONE
Job No	MCTPL/BBMP/YNK/PMC/W-8/2020-2021/2/QR
Mix Type	Plain Cement Concrete(1:4:8)
Contractor	M/s. Sai Ram Construction(Prop Sri A.Sathish Gowda),
Test Method	IS : 2386 (Part - 1) 1963 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	At site
Material	Fine Aggregates
Sample No	3
Date	11-Dec-2020

Weight of Sample(gram): 200

Sl No.	IS Sieve Size	Weight retained	% retained	% Cumulative	Cumulative % of Passing		Remarks
					% Passing	Gradation limits	
1	10 mm	0	0.00	0.00	100.00	100	Gradation satisfies the MORT&H Zone II Specification for PQC
2	4.75 mm	14	7.00	7.00	93.00	90-100	
3	2.36 mm	23	11.50	18.50	81.50	75-100	
4	1.18 mm	17	8.50	27.00	73.00	55-90	
5	600 µ	32	16.00	43.00	57.00	35-59	
6	300 µ	63	31.50	74.50	25.50	8-30	
7	150 µ	42	21.00	95.50	4.50	0-10	

Note:

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For Mecadez Core Technologies Private Limited

Authorised Signature

A. Sathish Gowda

Test Report
Gradation test

Project Name	Providing Children Play Equipments and Senior Citizen Gym Equipments and Landscape Development to Parks in Ward no. 08, Byatarayanapura of Yelahanka Zone
Client	Project Division Yelahanka ZONE
Job No	MCTPL/BBMP/YNK/PMC/W-8/2020-2021/2/QR
Mix Type	Plain Cement Concrete(1:4:8)
Contractor	M/s. Sai Ram Construction(Prop Sri A.Sathish Gowda),
Test Method	IS : 2386 (Part - 1) 1963 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Source of Material
Material	Coarse aggregates
Sample No	1
Date	30-Nov-2020

Weight of Sample: 4000 gms

Sl. No	I.S. Sieve size	Weight Retained (gm)	Percentage of weight Retained (%)	Cumulative Percentage of weight retained (%)	Cumulative % of Passing		Remarks
					Test Result	Gradation Limits as per MORT&H	
1	31.50	0	0.00	0.00	100.00	100	
2	26.50	495	12.38	12.38	87.63	85-95	
3	19.00	326	8.15	20.53	79.48	68-88	
4	9.50	639	15.98	36.50	63.50	45-65	
5	4.75	433	10.83	47.33	52.68	30-55	
6	0.60	948	23.70	71.03	28.98	8-30	
7	0.15	842	21.05	92.08	7.93	5-15	
8	0.08	240	6.00	98.08	1.93	0-5	

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For Mecadez Core Technologies Private Limited

Authorised Signature

Test Report
Gradation test

Project Name	Providing Children Play Equipments and Senior Citizen Gym Equipments and Landscape Development to Parks in Ward no. 08, Byatarayanapura of Yelahanka Zone
Client	Project Division Yelahanka ZONE
Job No	MCTPL/BBMP/YNK/PMC/W-8/2020-2021/2/QR
Mix Type	Plain Cement Concrete(1:4:8)
Contractor	M/s. Sai Ram Construction(Prop Sri A.Sathish Gowda),
Test Method	IS : 2386 (Part - 1) 1963 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Source of Material
Material	Coarse aggregates
Sample No	2
Date	9-Dec-2020

Weight of Sample: 4000 gms

Sl. No	I.S. Sieve size	Weight Retained (gm)	Percentage of weight Retained (%)	Cumulative Percentage of weight retained (%)	Cumulative % of Passing		Remarks
					Test Result	Gradation Limits as per MORT&H	
1	31.50	0	0.00	0.00	100.00	100	
2	26.50	481	12.03	12.03	87.98	85-95	
3	19.00	322	8.05	20.08	79.93	68-88	
4	9.50	627	15.68	35.75	64.25	45-65	
5	4.75	425	10.63	46.38	53.63	30-55	
6	0.60	984	24.60	70.98	29.03	8-30	
7	0.15	824	20.60	91.58	8.43	5-15	
8	0.08	246	6.15	97.73	2.28	0-5	

Note:

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For Mecadez Core Technologies Private Limited

Authorised Signature

A Sathish Gowda

Test Report
Gradation test

Project Name	Providing Children Play Equipments and Senior Citizen Gym Equipments and Landscape Development to Parks in Ward no. 08, Byatarayanapura of Yelahanka Zone
Client	Project Division Yelahanka ZONE
Job No	MCTPL/BBMP/YNK/PMC/W-8/2020-2021/2/QR
Mix Type	Plain Cement Concrete(1:4:8)
Contractor	M/s. Sai Ram Construction(Prop Sri A.Sathish Gowda),
Test Method	IS : 2386 (Part - 1) 1963 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	At site
Material	Coarse aggregates
Sample No	3
Date	11-Dec-2020

Weight of Sample: 4000 gms

Sl. No	I.S. Sieve size	Weight Retained (gm)	Percentage of weight Retained (%)	Cumulative Percentage of weight retained (%)	Cumulative % of Passing		Remarks
					Test Result	Gradation Limits as per MORT&H	
1	31.50	0	0.00	0.00	100.00	100	
2	26.50	515	12.88	12.88	87.13	85-95	
3	19.00	331	8.28	21.15	78.85	68-88	
4	9.50	627	15.68	36.83	63.18	45-65	
5	4.75	413	10.33	47.15	52.85	30-55	
6	0.60	925	23.13	70.28	29.73	8-30	
7	0.15	846	21.15	91.43	8.57	5-15	
8	0.08	261	6.53	97.95	2.05	0-5	

Note:

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For Mecadez Core Technologies Private Limited

Authorised Signature

Test Report
Water absorption test

Project Name	Providing Children Play Equipments and Senior Citizen Gym Equipments and Landscape Development to Parks in Ward no. 08, Byatarayanapura of Yelahanka Zone
Client	Project Division Yelahanka ZONE
Job No	MCTPL/BBMP/YNK/PMC/W-8/2020-2021/2/QR
Mix Type	Plain Cement Concrete(1:4:8)
Contractor	M/s. Sai Ram Construction(Prop Sri A.Sathish Gowda),
Test Method	IS : 2386 (Part - 3) 1963 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Source of Material
Material	Coarse aggregates
Sample No	1
Date	30-Nov-2020

Sl. No.	Particulars	Computations	Test Numbers		Mean
			Test 1	Test 2	
1	Weight of SSD sample	W_1 g	761	763	
2	Wt of Basket Filled with Aggregates Immersed in water	W_2g	2045	2055	
3	Weight of Saturated Aggregate in water	$W_s g = W_2 - W_1$	1284	1292	
4	Weight of saturated surface dry aggregate in Air	W_3 g	2080	2080	
5	Weight of water equal to the Volume of the Aggregate	$W_3 - W_s$	796	788	
6	Weight of Oven dried Aggregate	W_4g	2041	2051	
7	Specific Gravity	$W_4/(W_3 - W_s)$	2.56	2.60	2.58
8	Apparent Specific Gravity	$W_4/(W_4 - W_s)$	2.70	2.70	2.70
9	Water Absorption	$(W_4 - W_3)*100/W_4$	1.91	1.41	1.66

Comments: Maximum allowable Aggregate Water Absorption value is 2.0%.

Note:

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For Mecadez Core Technologies Private Limited

Authorised Signature

A. Sathish Gowda

Test Report
Water absorption test

Project Name	Providing Children Play Equipments and Senior Citizen Gym Equipments and Landscape Development to Parks in Ward no. 08, Byatarayanapura of Yelahanka Zone
Client	Project Division Yelahanka ZONE
Job No	MCTPL/BBMP/YNK/PMC/W-8/2020-2021/2/QR
Mix Type	Plain Cement Concrete(1:4:8)
Contractor	M/s. Sai Ram Construction(Prop Sri A.Sathish Gowda),
Test Method	IS : 2386 (Part - 1) 1963 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Source of Material
Material	Coarse Aggregates
Sample No	2
Date	9-Dec-2020

Sl. No.	Particulars	Computations	Test Numbers Test 1	Test 2	Mean
1	Weight of Empty Basket Immersed in Water	W_1 g	765	765	
2	Wt of Basket Filled with Aggregates Immersed in water	W_2g	2035	2030	
3	Weight of Saturated Aggregate in water	W_sg = W_2- W_1	1270	1265	
4	Weight of saturated surface dry aggregate in Air	W_3 g	2070	2055	
5	Weight of water equal to the Volume of the Aggregate	W_3- W_s	800	790	
6	Weight of Oven dried Aggregate	W_4g	2031	2026	
7	Specific Gravity	W_4/(W_3- W_s)	2.54	2.56	2.55
8	Apparent Specific Gravity	W_4/(W_4- W_s)	2.67	2.66	2.67
9	Water Absorption	(W_4- W_3)*100/ W_4	1.92	1.43	1.68

Comments: Maximum allowable Aggregate Water Absorption value is 2.0%.

Note:

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For Mecadez Core Technologies Private Limited

Authorised Signature

A. Sathish Gowda

Test Report
Water absorption test

Project Name	Providing Children Play Equipments and Senior Citizen Gym Equipments and Landscape Development to Parks in Ward no. 08, Byatarayanapura of Yelahanka Zone
Client	Project Division Yelahanka ZONE
Job No	MCTPL/BBMP/YNK/PMC/W-8/2020-2021/2/QR
Mix Type	Plain Cement Concrete(1:4:8)
Contractor	M/s. Sai Ram Construction(Prop Sri A.Sathish Gowda),
Test Method	IS : 2386 (Part - 1) 1963 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	At Site
Material	Coarse Aggregates
Sample No	3
Date	11-Dec-2020

Sl. No.	Particulars	Computations	Test Numbers Test 1	Test 2	Mean
1	Weight of Empty Basket Immersed in Water	W_1 g	761	763	
2	Wt of Basket Filled with Aggregates Immersed in water	W_2g	2040	2050	
3	Weight of Saturated Aggregate in water	W_sg = W_2- W_1	1279	1287	
4	Weight of saturated surface dry aggregate in Air	W_3 g	2075	2075	
5	Weight of water equal to the Volume of the Aggregate	W_3- W_s	796	788	
6	Weight of Oven dried Aggregate	W_4g	2036	2046	
7	Specific Gravity	W_4/(W_3- W_s)	2.56	2.60	2.58
8	Apparent Specific Gravity	W_4/(W_4- W_s)	2.69	2.70	2.69
9	Water Absorption	(W_4- W_3)*100/ W_4	1.92	1.42	1.67

Comments: Maximum allowable Aggregate Water Absorption value is 2.0%.

Note:

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For Mecadez Core Technologies Private Limited

Authorised Signature

A. Sathish Gowda

Test Report
Impact test

Project Name	Providing Children Play Equipments and Senior Citizen Gym Equipments and Landscape Development to Parks in Ward no. 08, Byatarayanapura of Yelahanka Zone
Client	Project Division Yelahanka ZONE
Job No	MCTPL/BBMP/YNK/PMC/W-8/2020-2021/2/QR
Mix Type	Plain Cement Concrete(1:4:8)
Contractor	M/s. Sai Ram Construction(Prop Sri A.Sathish Gowda),
Test Method	IS : 2386 (Part - 4) 1963 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Source of Material
Material	Coarse aggregates
Sample No	1
Date	30-Nov-2020

Sl. No.	Determination	Unit	Trails	
1	Weight of empty cylinder, w1	gm	960	960
2	Weight of container filled with Aggregate, w2	gm	1308	1311
3	Weight of the Aggregate before compaction, (w2 - w1) = w3	gm	348	351
4	Weight of the sample passing through 2.36 mm IS sieves after Impact, w4	gm	83	79
5	Weight of the sample retained on 2.36 mm IS sieve after Impact, w5	gm	265	272
6	Aggregate Impact Value (w4 / w3)x100	%	23.85	22.51
7	Specified Limit	%	45.00	

Results: Average Aggregate Impact Value: **23.18** %

Note:

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For Mecadez Core Technologies Private Limited

Authorised Signature

A. Sathish Gowda

Mecadez Core Technologies Private Limited

Project Management and Consultancy Services

Summary of Frequencies of Field Tests and Lab Tests Conducted

Name of the work: **Providing Children Play Equipments and Senior Citizen Gym Equipments and Landscape Development to Parks in Ward no. 08, Byatarayanapura of Yelahanka Zone**

Job No: **MCTPL/BBMP/YNK/PMC/W-8/2020-2021/2/QR**

Contractor **M/s. Sai Ram Construction(Prop Sri A.Sathish Gowda),**

Sl. No	Particulars of the Tests	M15 Concrete			
		Quantity Cum	Frequency of Tests	Tests Required	Tests Carried Out
IV	Concrete				
1	Compressive strength test	159.27	1 to 5cum=1 sample 6 to 15 cum=2 sample 16 to 30cum=3 smaple 31 to 50cum= 4 sample 51cum and above= one additonal sample for every additional 50 cum or part therof	12	12
	7-days				
	28-days				

Note: Frequency of tests as per Specifications MORT&H, V Revision, Section 900.

Mecadez Core Technologies Private Limited

consultant

A Sathish Gowda

contractor

ASSISTANT ENGINEER

ASSISTANT EXE ENGINEER

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Test Report
Concrete Compresive strength

Project Name	Providing Children Play Equipments and Senior Citizen Gym Equipments and Landscape Development to Parks in Ward no. 08, Byatarayanapura of Yelahanka Zone
Client	Project Division Yelahanka ZONE
Job No	MCTPL/BBMP/YNK/PMC/W-8/2020-2021/2/QR
Mix Type	M15 Concrete
Contractor	M/s. Sai Ram Construction(Prop Sri A.Sathish Gowda),
Test Method	IS : 4031 (part 6)-1988 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Laboratory
Material	Concrete
Sample No	1
Casting Date	26-Nov-2020
Tested Date	3-Dec-2020

Cube	Concrete Grade	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m^3)	Max. Load (KN)	Area (m^2)	Compressive Strength (N/mm^2)	Avg. Sample Strength	Avg. Strength
1	15	7	6.56	150*150*150	1943.70	229.00	0.0225	10.18	10.61	10.79
2	15	7	6.61	150*150*150	1958.52	236.00	0.0225	10.49		
3	15	7	6.76	150*150*150	2002.96	251.00	0.0225	11.16		
4	15	7	7.08	150*150*150	2097.78	254.00	0.0225	11.29	10.96	
5	15	7	6.96	150*150*150	2062.22	241.00	0.0225	10.71		
6	15	7	6.83	150*150*150	2023.70	245.00	0.0225	10.89		

Results: 7-days Compressive strength of Concrete is 10.79 N/mm2

Note:

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Mecadez Core Technologies Private Limited

Authorised Signature

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Test Report
Concrete Compresive strength

Project Name	Providing Children Play Equipments and Senior Citizen Gym Equipments and Landscape Development to Parks in Ward no. 08, Byatarayanapura of Yelahanka Zone
Client	Project Division Yelahanka ZONE
Job No	MCTPL/BBMP/YNK/PMC/W-8/2020-2021/2/QR
Mix Type	M15 Concrete
Contractor	M/s. Sai Ram Construction(Prop Sri A.Sathish Gowda),
Test Method	IS : 4031 (part 6)-1988 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Laboratory
Material	Concrete
Sample No	2
Casting Date	26-Nov-2020
Tested Date	3-Dec-2020

Cube	Concrete Grade	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m^3)	Max. Load (KN)	Area (m^2)	Compressive Strength (N/mm^2)	Avg. Sample Strength	Avg. Strength
1	15	7	6.47	150*150*150	1917.04	227.00	0.0225	10.09	10.52	10.70
2	15	7	6.52	150*150*150	1931.85	234.00	0.0225	10.40		
3	15	7	6.67	150*150*150	1976.30	249.00	0.0225	11.07		
4	15	7	6.99	150*150*150	2071.11	252.00	0.0225	11.20	10.87	
5	15	7	6.87	150*150*150	2035.56	239.00	0.0225	10.62		
6	15	7	6.74	150*150*150	1997.04	243.00	0.0225	10.80		

Results: 7-days Compressive strength of Concrete is 10.70 N/mm2

Note:

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A. Sathish Gowda

Test Report
Concrete Compresive strength

Project Name	Providing Children Play Equipments and Senior Citizen Gym Equipments and Landscape Development to Parks in Ward no. 08, Byatarayanapura of Yelahanka Zone
Client	Project Division Yelahanka ZONE
Job No	MCTPL/BBMP/YNK/PMC/W-8/2020-2021/2/QR
Mix Type	M15 Concrete
Contractor	M/s. Sai Ram Construction(Prop Sri A.Sathish Gowda),
Test Method	IS : 4031 (part 6)-1988 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Laboratory
Material	Concrete
Sample No	3
Casting Date	26-Nov-2020
Tested Date	3-Dec-2020

Cube	Concrete Grade	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m^3)	Max. Load (KN)	Area (m^2)	Compressive Strength (N/mm^2)	Avg. Sample Strength	Avg. Strength
1	15	7	6.56	150*150*150	1943.70	229.00	0.0225	10.18	10.61	10.79
2	15	7	6.61	150*150*150	1958.52	236.00	0.0225	10.49		
3	15	7	6.76	150*150*150	2002.96	251.00	0.0225	11.16		
4	15	7	7.08	150*150*150	2097.78	254.00	0.0225	11.29	10.96	
5	15	7	6.96	150*150*150	2062.22	241.00	0.0225	10.71		
6	15	7	6.83	150*150*150	2023.70	245.00	0.0225	10.89		

Results: 7-days Compressive strength of Concrete is 10.79 N/mm2

Note:

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Test Report
Concrete Compresive strength

Project Name	Providing Children Play Equipments and Senior Citizen Gym Equipments and Landscape Development to Parks in Ward no. 08, Byatarayanapura of Yelahanka Zone
Client	Project Division Yelahanka ZONE
Job No	MCTPL/BBMP/YNK/PMC/W-8/2020-2021/2/QR
Mix Type	M15 Concrete
Contractor	M/s. Sai Ram Construction(Prop Sri A.Sathish Gowda),
Test Method	IS : 4031 (part 6)-1988 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Laboratory
Material	Concrete
Sample No	5
Casting Date	27-Nov-2020
Tested Date	4-Dec-2020

Cube	Concrete Grade	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m^3)	Max. Load (KN)	Area (m^2)	Compressive Strength (N/mm^2)	Avg. Sample Strength	Avg. Strength
1	15	7	6.75	150*150*150	2000.00	233.00	0.0225	10.36	10.79	10.96
2	15	7	6.80	150*150*150	2014.81	240.00	0.0225	10.67		
3	15	7	6.95	150*150*150	2059.26	255.00	0.0225	11.33		
4	15	7	7.27	150*150*150	2154.07	258.00	0.0225	11.47	11.14	
5	15	7	7.15	150*150*150	2118.52	245.00	0.0225	10.89		
6	15	7	7.02	150*150*150	2080.00	249.00	0.0225	11.07		

Results: 7-days Compressive strength of Concrete is 10.96 N/mm2

Note:

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MECADEZ CORE TECHNOLOGIES PRIVATE LIMITED
PROJECT MANAGEMENT & CONSULTANCYSERVICES

Test Report
Concrete Compresive strength

Project Name	Providing Children Play Equipments and Senior Citizen Gym Equipments and Landscape Development to Parks in Ward no. 08, Byatarayanapura of Yelahanka Zone
Client	Project Division Yelahanka ZONE
Job No	MCTPL/BBMP/YNK/PMC/W-8/2020-2021/2/QR
Mix Type	M15 Concrete
Contractor	M/s. Sai Ram Construction(Prop Sri A.Sathish Gowda),
Test Method	IS : 4031 (part 6)-1988 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Laboratory
Material	Concrete
Sample No	6
Casting Date	27-Nov-2020
Tested Date	4-Dec-2020

Cube	Concrete Grade	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m^3)	Max. Load (KN)	Area (m^2)	Compressive Strength (N/mm^2)	Avg. Sample Strength	Avg. Strength
1	15	7	6.85	150*150*150	2029.63	235.00	0.0225	10.44	10.87	11.05
2	15	7	6.90	150*150*150	2044.44	242.00	0.0225	10.76		
3	15	7	7.05	150*150*150	2088.89	257.00	0.0225	11.42		
4	15	7	7.37	150*150*150	2183.70	260.00	0.0225	11.56	11.23	
5	15	7	7.25	150*150*150	2148.15	247.00	0.0225	10.98		
6	15	7	7.12	150*150*150	2109.63	251.00	0.0225	11.16		

Results: 7-days Compressive strength of Concrete is 11.05 N/mm2

Note:

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Test Report
Concrete Compresive strength

Project Name	Providing Children Play Equipments and Senior Citizen Gym Equipments and Landscape Development to Parks in Ward no. 08, Byatarayanapura of Yelahanka Zone
Client	Project Division Yelahanka ZONE
Job No	MCTPL/BBMP/YNK/PMC/W-8/2020-2021/2/QR
Mix Type	M15 Concrete
Contractor	M/s. Sai Ram Construction(Prop Sri A.Sathish Gowda),
Test Method	IS : 4031 (part 6)-1988 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Laboratory
Material	Concrete
Sample No	7
Casting Date	27-Nov-2020
Tested Date	4-Dec-2020

Cube	Concrete Grade	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m^3)	Max. Load (KN)	Area (m^2)	Compressive Strength (N/mm^2)	Avg. Sample Strength	Avg. Strength
1	15	7	6.94	150*150*150	2056.30	237.00	0.0225	10.53	10.96	11.14
2	15	7	6.99	150*150*150	2071.11	244.00	0.0225	10.84		
3	15	7	7.14	150*150*150	2115.56	259.00	0.0225	11.51		
4	15	7	7.46	150*150*150	2210.37	262.00	0.0225	11.64	11.32	
5	15	7	7.34	150*150*150	2174.81	249.00	0.0225	11.07		
6	15	7	7.21	150*150*150	2136.30	253.00	0.0225	11.24		

Results: 7-days Compressive strength of Concrete is 11.14 N/mm2

Note:

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Test Report
Concrete Compresive strength

Project Name	Providing Children Play Equipments and Senior Citizen Gym Equipments and Landscape Development to Parks in Ward no. 08, Byatarayanapura of Yelahanka Zone
Client	Project Division Yelahanka ZONE
Job No	MCTPL/BBMP/YNK/PMC/W-8/2020-2021/2/QR
Mix Type	M15 Concrete
Contractor	M/s. Sai Ram Construction(Prop Sri A.Sathish Gowda),
Test Method	IS : 4031 (part 6)-1988 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Laboratory
Material	Concrete
Sample No	8
Casting Date	27-Nov-2020
Tested Date	4-Dec-2020

Cube	Concrete Grade	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m^3)	Max. Load (KN)	Area (m^2)	Compressive Strength (N/mm^2)	Avg. Sample Strength	Avg. Strength
1	15	7	7.04	150*150*150	2085.93	239.00	0.0225	10.62	11.05	11.23
2	15	7	7.09	150*150*150	2100.74	246.00	0.0225	10.93		
3	15	7	7.24	150*150*150	2145.19	261.00	0.0225	11.60		
4	15	7	7.56	150*150*150	2240.00	264.00	0.0225	11.73	11.41	
5	15	7	7.44	150*150*150	2204.44	251.00	0.0225	11.16		
6	15	7	7.31	150*150*150	2165.93	255.00	0.0225	11.33		

Results: 7-days Compressive strength of Concrete is 11.23 N/mm2

Note:

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